

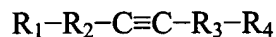
**Listing of Claims:**

Please **cancel** claims 6, 8, 22, 23, 25 and 26 without prejudice.

Please **amend** the claims as follows:

1. (Currently amended) A cleaning solution comprising deionized water, a surfactant and a corrosion inhibitor comprising triple bond and at least one hydroxyl group, wherein the surfactant is  $C_{12}H_{25}O(CH_2CH_2O)_JH$ , wherein J is an integer ranging from 5 to 15.

2. (Original) The cleaning solution as claimed in claim 1, wherein the corrosion inhibitor is represented by the following formula:



wherein any one of  $R_1$  and  $R_4$  is the hydroxyl group (-OH) and the other is hydrogen (-H), a halogen element (-X) or one functional group selected from the group consisting of alkyl (-R) group, alkoxy (RO-) group, amino (-NH<sub>2</sub>) group, nitro (-NO<sub>2</sub>) group, mercapto (-SH) group, hydroxyl (-OH) group, aldehyde (-CHO) group and carboxyl (-COOH) group; and

$R_2$  and  $R_3$  are hydrocarbons having 0 to 10 carbons and straight or branched structure.

3. (Original) The cleaning solution as claimed in claim 2, wherein the other of  $R_1$  and  $R_4$  is a hydroxy group (-OH), a methyl group (-CH<sub>3</sub>) or a methoxy group (-OCH<sub>3</sub>).

4. (Original) The cleaning solution as claimed in claim 2, the corrosion inhibitor is about 0.0001 to about 10 wt.% of the cleaning solution.

5. (Original) The cleaning solution as claimed in claim 1, the corrosion inhibitor is 2-butyne-1,4-diol.

6. (Canceled)

7. (Currently amended) The cleaning solution as claimed in claim 1 6, wherein the surfactant is about 0.0001 to about 10wt.% of the cleaning solution.

8. (Canceled)

9. (Original) The cleaning solution as claimed in claim 1, further comprising an acid solution or an alkaline solution.

10. (Currently amended) The cleaning solution as claimed in claim 9, wherein the alkaline solution is at least one solution selected from the group consisting of sodium hydroxide (NaOH), potassium hydroxide (KOH), ammonium hydroxide (NH<sub>4</sub>OH), tetramethyl ammonium hydroxide (N(CH<sub>3</sub>)<sub>4</sub>OH), alkaline chloride solution and ~~or~~ any mixture thereof.

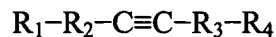
11. (Original) The cleaning solution as claimed in claim 9, wherein the alkaline solution is about 0.0001 to about 10 wt.% of the cleaning solution.

12. (Currently amended) The cleaning solution as claimed in claim 9, wherein the acid solution is selected from the group consisting of hydrochloric acid (HCl), nitric acid (HNO<sub>3</sub>), sulfuric acid (H<sub>2</sub>SO<sub>4</sub>), phosphoric acid (H<sub>3</sub>PO<sub>4</sub>) (~~mP<sub>2</sub>O<sub>5</sub>·nH<sub>2</sub>O~~), fluoric acid (HF), an organic acid and any mixture thereof.

13. (Original) The cleaning solution as claimed in claim 12, wherein the organic acid is selected from the group consisting of citric acid, tricarballic acid, tartaric acid, succinic acid, malic acid, aspartic acid, glutaric acid, adipic acid, suberic acid, oxalic acid, acetic acid and fumaric acid.

14. (Original) The cleaning solution as claimed in claim 9, wherein the acid solution is about 0.0001 to about 10 wt.% of the cleaning solution.

15. (Currently amended) A cleaning solution comprising a corrosion inhibitor and an alkaline solution, the corrosion inhibitor is represented by the following formula:



wherein any one of R<sub>1</sub> and R<sub>4</sub> is a hydroxyl group (-OH) and the other is hydrogen (-H), a halogen element (-X) or one functional group selected from the group consisting of alkyl (-R) group, alkoxy (RO-) group, amino (-NH<sub>2</sub>) group, nitro (-NO<sub>2</sub>) group, mercapto (-SH) group,

hydroxyl (-OH) group, aldehyde (-CHO) group and carboxyl (-COOH) group; and

R<sub>2</sub> and R<sub>3</sub> are hydrocarbons comprising 0 to 10 carbons having a straight or a branched structure, wherein the alkaline solution is selected from the group consisting of ammonium hydroxide (NH<sub>4</sub>OH), an alkaline chloride solution and any mixtures thereof.

16. (Original) The cleaning solution as claimed in claim 15, wherein the other of R<sub>1</sub> and R<sub>4</sub> is a hydroxy group (-OH), a methyl group (-CH<sub>3</sub>) or a methoxy group (-OCH<sub>3</sub>).

17. (Currently amended) The cleaning solution as claimed in claim 15, the corrosion inhibitor ~~of the formula 1~~ is about 0.0001 to about 10 wt.% of the cleaning solution.

18. (Original) The cleaning solution as claimed in claim 15, the corrosion inhibitor is 2-butyne-1,4-diol.

19. (Original) The cleaning solution as claimed in claim 15, further comprising a surfactant represented by the following formula:



wherein R<sub>5</sub> is methyl group;

K is an integer ranging from 3 to 22; and

A is HO(CH<sub>2</sub>CH<sub>2</sub>O)<sub>L</sub>(CH(CH<sub>3</sub>)CH<sub>2</sub>O)<sub>M</sub>- or hydroxyl group, wherein L and M are integers ranging from 0 to 15.

20. (Original) The cleaning solution as claimed in claim 19, wherein the surfactant is about 0.0001 to about 10wt.% of the cleaning solution.

21. (Original) The cleaning solution as claimed in claim 19, wherein the surfactant is C<sub>12</sub>H<sub>25</sub>O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>J</sub>H, wherein J is an integer ranging from 5 to 15.

Claims 22-23 (Canceled)

24. (Currently amended) The cleaning solution as claimed in claim 15 ~~22~~, wherein the alkaline solution is about 0.0001 to about 10 wt.% of the cleaning solution.

Claims 25-26 (Canceled)

27. (Currently amended) The cleaning solution as claimed in claim 15 22, wherein the acid solution is about 0.0001 to about 10 wt.% of the cleaning solution.